

=====

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2007; month=12; day=17; hr=11; min=19; sec=13; ms=884;
]

=====

Reviewer Comments:

<210> 1

<211> 192673

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (192673)

<223> n = A,T,C or G

<400> 1

The above <223> response is incorrect: "n" is not at location 192673, "c" is. However, the "n's" at locations 15421-15440 and other subsequent locations within Sequence 1 are not explained above.

(from Sequence 86)

Arg Val Gln Asn Gly Glu Ser

500

621

Please delete the above "621," which appears at the end of the submitted file.

Application No: 10540903

Version No: 1.0

Input Set:

Output Set:

Started: 2007-11-26 15:08:06.874

Finished: 2007-11-26 15:09:08.463

Elapsed: 0 hr(s) 1 min(s) 1 sec(s) 589 ms

Total Warnings: 0

Total Errors: 18646

No. of SeqIDs Defined: 86

Actual SeqID Count: 86

Error code	Error Description
E 342	'n' position not defined found at POS: 15421 SEQID(1)
E 342	'n' position not defined found at POS: 15422 SEQID(1)
E 342	'n' position not defined found at POS: 15423 SEQID(1)
E 342	'n' position not defined found at POS: 15424 SEQID(1)
E 342	'n' position not defined found at POS: 15425 SEQID(1)
E 342	'n' position not defined found at POS: 15426 SEQID(1)
E 342	'n' position not defined found at POS: 15427 SEQID(1)
E 342	'n' position not defined found at POS: 15428 SEQID(1)
E 342	'n' position not defined found at POS: 15429 SEQID(1)
E 342	'n' position not defined found at POS: 15430 SEQID(1)
E 342	'n' position not defined found at POS: 15431 SEQID(1)
E 342	'n' position not defined found at POS: 15432 SEQID(1)
E 342	'n' position not defined found at POS: 15433 SEQID(1)
E 342	'n' position not defined found at POS: 15434 SEQID(1)
E 342	'n' position not defined found at POS: 15435 SEQID(1)
E 342	'n' position not defined found at POS: 15436 SEQID(1)
E 342	'n' position not defined found at POS: 15437 SEQID(1)
E 342	'n' position not defined found at POS: 15438 SEQID(1)
E 342	'n' position not defined found at POS: 15439 SEQID(1)
E 342	'n' position not defined found at POS: 15440 SEQID(1)

Input Set:

Output Set:

Started: 2007-11-26 15:08:06.874
Finished: 2007-11-26 15:09:08.463
Elapsed: 0 hr(s) 1 min(s) 1 sec(s) 589 ms
Total Warnings: 0
Total Errors: 18646
No. of SeqIDs Defined: 86
Actual SeqID Count: 86

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (86)

Sequence Listing

<110> David W. Morris
Marc S. Malandro

<120> Novel Compositions and Methods in Cancer

<130> 20366-034US1

<140> 10540903

<141> 2007-11-26

<150> US 10/331,053

<151> 2002-12-26

<150> PCT/US2003/041242

<151> 2003-12-22

<160> 86

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 192673

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (192673)

<223> n = A,T,C or G

<400> 1

```
taatccttta agggatttct gtgttactta ttttaagtact tctaggtggt tacctgtggt 60
ctcctgtatt tctttaaggg agttatttat gtccatctga aagtacacta tcatcatcat 120
aagatgtggt tttttccctt gagatttctt tttttttaa tttttttatt aggtattttc 180
ctcatttaca tttccaatgc tatcccaaaa gtcccccata cctccacca cccccactc 240
ccctaccac ccactctcac tttttggccc tgggtgtccc ctgtactggg gcatataaag 300
tttgcaagtg caatgggect ctctttccag tgatggcga ctaggccatc ttttgatata 360
tatgcagcta gagtcaagag ctccggggta ctggttagtt cataatgttg ttcacctat 420
agggttgtag atccctttag ctccctgggt actttctcta gctcctccat ttgggtttct 480
catggaatat tttgattctt ccatttatgg taattgagaa ttttgatggg tatagtatac 540
tggcctggaa tttctgttct cttagggtct gtatgacatc tgcctagaat cttctagcct 600
tcataatctc tgggtgagaag tctagtgtaa ttctgagagg gggccctgtg atccatccaa 660
tagctgactg tgagcatcca tttctgtggt tgctaggccc cggtatagtc tcacaagaga 720
cagctatata tgggtccttt cagcaaaatc ttgctagtgt atgcaatggt gtcagcgttt 780
ggaagctgat tatgggatgg atccccgat atggcagttt ctagatggtc catgctttcg 840
tcacagctcc aaactttgtc tctgtaactc ctccatggg tgttttggtc ccaattataa 900
gaaggggcaa aagtgtccac actttgggtc ttgttctttt tgagaaactt aggaaaccca 960
agatataaga tacaatttgc taaacgaatg aaactcaaga agatgtgctt ttaaatacaga 1020
gtcttgctt tctggatatg tgacatttcc agggctcact gtgggtggag aactgggttc 1080
tgatgatccc aagtagcctt gatttttggt gcttatgttc ttgcccttgc ctctcgccat 1140
ctggtatctc aggtgtttgc tgctcttgc gtctctgact gtggcttgct tttcctgcaa 1200
gcctatgtgt cagtatctct gggagaccag tgctctctgt gaggaatttg tgtatggaga 1260
gctgtggcac aaggctcagc ccaggttgca gacagaaact ggaaggatcc tgttctgct 1320
gttccttggt tcctgtgtcc tgatagctct ggaagggtcc ctcttgggccc aggaatttga 1380
```

gtagaagtgg	tggctcttagc	tgtgctcaca	gatgtgtcag	cactcttgag	agaccagctt	1440
tctctgggtg	gtatttgggt	gtggagcact	gtggtacaga	atgagctcca	ggttcagacc	1500
atttctttta	gtgcttcttg	acttttagat	atttctctgt	taagaattct	tgtttagcta	1560
tgtaccccat	tttttaattg	ggaattaat	ctgaaattct	ctttctttgt	tgagtctttg	1620
tgtggtttac	atatcagggg	gattgtggca	tcatagaatg	aggttgcca	tgttctttct	1680
gtttctattt	tgtggaatag	tttgaagagt	attgctattc	acttttcttt	gaaagtctgg	1740
tagaactctg	tgtggaacaa	tttggctctg	agctgcttcc	caccgctccc	accccccccc	1800
cacccccagg	ttgggagatt	ttaatgactg	cttctattta	tagtactatt	tacattgttc	1860
acctgatctt	gatttaacct	tggttaagtgg	tatctgtcaa	gaaaattatc	cattttgttt	1920
agattttcca	attttgtgga	gtacaggctt	ttgaagtagg	gcctgatggg	tctttgggtt	1980
tcctcaggtc	tgtagttaatg	tctccctttt	catttctgat	tctgttgatt	tggtacttgc	2040
ctctctgcct	ctgagttagt	tttgataagc	atttatctct	tttttcaatt	ttcccaaaga	2100
accaggctct	ggattcattg	attctttgtg	ttctctttgt	ttctaattta	tcgatttcag	2160
ccctgaattt	gattatttcc	tgaactctac	ccctcatggg	catgtttgct	cttttttgtt	2220
ctcgaatttt	cagggtgtgct	tttaagttgc	tagtatgaga	ggctctccagt	ttccttatga	2280
aggcagcaat	gttgtgaaaa	gacagcta	gttaactga	gaagtggact	cttctttttg	2340
tgatagaatt	ttctttaagct	ctctggatct	ggagcatctc	tgtctctcca	gagtcactgt	2400
agagaggctc	ccatctaaac	aggaagaacc	taaggaggca	agctagagag	atggctctgc	2460
aggtaattgc	ttgccgcctg	catctgaggc	cctaagatca	gaactcacag	ctccacata	2520
ggaagattgt	ccagtaggat	gcagctgtgg	tttcagaatg	tggagaggat	aaggggacca	2580
gatggtccca	aagctttgct	actcaacctg	tcaggttata	atagttagat	ccagataata	2640
agagagagaa	gtgattaagg	aagacatcct	aatgtcaacc	actggcttac	acatgcattc	2700
actagagcga	gtacacacac	acagaactac	acatgcactc	acaagagcaa	gtaaacctgc	2760
acacacatgc	acacacacac	acacacacac	acttacacat	gcactcacia	gaatgagtat	2820
acctgcata	acacactctt	acacatgcac	tcacaagagc	aaatatacct	gcacgcacat	2880
acacacatat	gcacatacac	acatgtgtaa	acttgagcaa	gataaagcag	gctgaagaaa	2940
gaggatgaga	aagcttaaga	cccaagaccc	agaaagttcc	tgctggaccc	tcataaggta	3000
cagtgaagaa	acttttaaga	gtccctgcc	cagtgggaat	tggagaggaa	agagtgtttc	3060
tctctcagag	aacatgtgca	atgttgattt	atcaagttgg	cctgaaatag	ttgtggggag	3120
acaatatctg	aatagatttg	tcttctctgg	aagtggaggt	gtgcctcagg	acagagctct	3180
gagggaaatt	ctagttacat	cccttcactt	aatagttgag	tcactgcac	agttaacctt	3240
ttcaacctat	gtttcctcat	gtgtaaaaca	ctgggtgctg	attcgtggta	ttggaatgta	3300
tctgtgggag	gagggtgaga	agaggttaga	gcagctgtgg	tgtctgctaa	gcactctgca	3360
gatgtgttct	atgacccaat	actgagctag	gttaggggtga	tgtgtgtgaa	gagaaggag	3420
catgtgaacc	acagctagag	gtttccaaat	ctaaaagcc	acaaaactca	ttaggagcca	3480
ccagccacac	aggttcactt	gtagcagcca	ttcataagac	ttttacatta	tgtttgatcc	3540
ctgagaagtt	aaatatctat	ggatagacag	aaaaatgtaa	aaataccata	gaaccagtca	3600
gcaatctgga	aaaaaatggt	agtgaagggt	ccctgttggc	ctgtacagg	gagattgaag	3660
gaataatcag	atgtttcagt	atcctgaaat	agaaattctg	agaagtctcc	tctcttactg	3720
ggacatgcta	ctggaggtgg	agagggtagg	ctggggaagc	tgggtgtatt	cctagaactc	3780
tgccagaatg	gcagctaact	gggcttgtag	gtggaatggg	gtgggtgaca	tggtcactgc	3840
cagatttgct	acacagagaa	aggagggaagc	aagccaaatc	taccagtcta	tttctcttagc	3900
tttcaaggac	gtagaaatgt	attagtgtac	aaaatgtggt	gagcacagta	ggtctctctc	3960
tctcacacac	acacagtagg	tctggcccat	ctagctcgta	ctctccttcc	attttgagc	4020
tgagccaaca	ctgctgataa	taaattactg	actctgaaac	ttaactacat	attggaatca	4080
cctaggtaga	tttaggaact	tctggtgact	acatttttcc	cttagagaat	cttaatttaa	4140
ttggtctgga	gacccccaa	tagctttaag	atatagcaaa	gcctgagaat	tagtgcccta	4200
tattgaaatc	agctgagaat	caccagcctc	attaagttag	cacatgcata	tcatacagg	4260
tttcataaag	ccaggaggag	atagagctga	gacaagctag	aattgtgcta	ttcatcatta	4320
ctatttaaat	ctaattgta	tacattcagg	taaaaaattt	aaattacttc	ttttgttcca	4380
ctggctgcgt	ttcaaatttt	aaaagatgca	tatggctagt	ttctgccatt	tgaaccagac	4440
agaacatcat	ggaaagtctt	atgaatcaac	tctaagaaat	tggcaggacc	ttcaagctaa	4500
gcaagcagat	gcttaaggca	ataaggcttg	ggatagaaat	gagggaagg	gagcctcaca	4560
cactggacat	tcagggggag	agaagtgaac	tgtggagaac	agaggctctg	ggcaccagaa	4620
gacatatttg	acagctcgtg	catgtgccag	ccattggat	gatttgctgc	ttcaattgag	4680
tagagcctgt	agcctacaat	gctggtagtg	aaggagtggt	aaaccaagg	caactggcac	4740
taagccagg	ggcactcatg	tcaattgact	cagaaccaca	cttcaaggca	aggtgctgca	4800

cttctactgg	ctgctttgaa	caacatcaaa	gccccagacg	gtgtccatca	tgacagcagc	4860
atccatctct	gtgggtcaatg	tcagggtgat	tccaggacct	ccaaccagaa	catctctggc	4920
atcataggct	catatattga	aatgatcaag	tgacagcag	aggactcgat	gaactgctag	4980
ttgggggagt	ggggagggga	gtcccttgat	accctgttca	gtctgctcca	gagggctgga	5040
aggatttaca	tcatggtggc	tgaagaatgc	cagtctgggc	aggaatctct	ctgcaaggca	5100
ccaggetgaa	ttttcttaga	aagaagggtg	cattcatttt	ccagggttgc	tttaagtaag	5160
tgacatgagg	tgggtggcct	aaaggacaca	tgaattcttg	cagggtgctg	gcaacagttg	5220
aggtcctgag	acagagcact	gttcattcag	ctagcccaac	catctgtttt	attatagaag	5280
ctttatgtag	cttaatatgc	cctcttgga	gttaatatgg	tttgaaaaat	tgcttgcatt	5340
aaaccctttc	tttcttgca	ataagcttat	cctttcttca	ttcagagaaa	attagtttct	5400
ctctatccac	cctaataaaa	tgtggggaga	aagtacttaa	agaatatcag	tctgagggag	5460
tatctagttt	ggagcctgcc	ctgaggatat	ggtgaaatcc	tttggtcgat	gatgtcatta	5520
tttaccagg	cctgttagaa	acaagggttt	ctaaccacag	tgactctga	ctggcctcag	5580
tgggtgggtc	ctatggccac	caccttcaca	ttctcaccaa	cagaaatttt	aaatttacac	5640
ttacttattt	tttgttcatt	tatttaagag	cacacttgct	acagtctgtg	tgtgagggcc	5700
aaaggataac	cagcaagagt	cggttctctc	cttttaccat	gtcggatcta	gggttagaat	5760
tcaagtcctg	aggcttgaga	gcaggagcct	ttatgaagaa	aaactttaag	tttgtaagac	5820
cagaggttaa	caaagagggt	aaacacatga	gtccagagc	tcaactgcct	gggttcaaat	5880
ccacccttgt	tacttgcaag	ctgtgtataa	atgggaacgt	tatggatgac	ttctctcttc	5940
atgccaccgt	agcctagcta	tgtttgcttt	tcaaaggatg	gacgtgaata	aacatgaaat	6000
aagggccagg	tgatgcattc	cgtccacatg	ctgagttcaa	gagcctacgc	tgcatccgtc	6060
acctttcaca	tatgacgtga	aattgtctca	gctggaaaag	ggtacaaagc	tttctggcgt	6120
gattgctgca	aaagccaaag	ttaacagatg	gctgcagatg	tggctcaagg	caactgcagc	6180
ctagcctagt	gatcaaaagt	ctagtcccca	gatccacgta	atgggaggcg	aggactgact	6240
cctacaaggt	gtcctctgac	ctctgcacat	gtacacatac	acacacacac	acacacacac	6300
acaagcacac	acacacacat	atacgcgcac	accaccacca	ttacaactta	tttaaacgga	6360
taagaacatg	tcctgaaatt	tctaaagcaa	tatgaatatg	tcaatcatga	tgaccaggga	6420
agataggggc	tgaattacta	ttgttgctct	tgcaaagtgg	gtgatagaga	gcaagcaagt	6480
ttaaaccaca	ctttaataag	aagagcctca	acttacagag	agcagtttat	ttcacaagga	6540
ctggcgagca	tgattgccta	gggcacacag	aagacgttgg	tgtgctcctg	ccatcccaac	6600
ccttggaag	cacaggactg	cctggattgc	tgggccctac	cctctactca	gaaaatcagt	6660
gtgagggatt	ggattaaatg	gagtgggaac	attcccctgc	tggagctggc	atttgcagtt	6720
agtaaggatc	tttatatttg	cttaccttga	atgcaacacc	ccttattaag	aatcatgagc	6780
aactcaaggc	tattgctctg	ggaaccctgt	cttgagtctc	cagaagagat	gatgcattct	6840
tcataatgac	tggggatgca	taatgcttaa	aaccaccttt	tcctactcat	ttaacattgt	6900
gagcactcac	ttgcctcaac	accttctctg	tgtcgaaaac	ctgatgctct	tgtggttcca	6960
agtggctgct	gtttatcctt	ggagatcaaa	tattttcata	aagtaaatct	gtactatttc	7020
atttcttccc	atttctctca	tttccctggg	atggggtcac	atgcttggat	agcctatttg	7080
agatatgtag	cttaatgcca	acatgattca	tagctctatg	tgtgaattac	acttgagaat	7140
aaaagtgtga	tccatttgtg	tcaactgaag	tgtctaatac	aaaaacaaag	accaatttcc	7200
attcactgtc	tcttttcact	tgagcctgcc	caagacactg	aatgtatttt	ctcttctctg	7260
aagatgtcaa	atctacctat	aaccatttcc	tctctcaaaa	gataccacag	aagtatatgt	7320
aagcctctca	tcttgtgggt	cattatttca	cgcattcaaa	ccagatgtta	aaatacaatg	7380
agtctctcag	ggacaaatgg	aaccattcca	tgaggagagaa	gagcctggaa	ggacatgtca	7440
ggcctgtggt	gtagatgccc	catctcagtg	tggaggtctc	tggccatcga	ggaatgcagg	7500
aaagtcacca	gctgttacag	tatctttttc	caaatgtaaa	atagtagaaa	ccgcccttta	7560
tacattggag	atgaagcaga	aagcacaccg	acgaaaggca	aaggattgcc	ttcatgtcac	7620
cttaactgg	gatccacaaa	cttgtaaact	ctgatttcca	ccattacaca	aaactagaaa	7680
gactcaggaa	ttatgccagt	aaattctcgt	actgccatag	tcaatgacca	aagaatcagt	7740
cctgttccca	aaatggatgt	gtgtgtgtgt	gtgtgtgtgt	gtatactgac	atgtatgtat	7800
gtatatgtat	atgtgtatgt	gtatgtgtat	gtgtatgtgt	atgtgtatgt	gtatgtgtat	7860
gtgtatgtgt	atatgtatat	gtatatgtat	tatgtgtatg	agtgtaaaa	tctgctaaaa	7920
taggaatgga	gtcttcataa	ggtgccagag	tagtcaaaga	atgaccaact	tgtaaaatcc	7980
taagcatagt	ggactggaga	tggctttctg	ctgcgtatga	tatgacaaaa	acttatgttc	8040
ctttctgctg	cgtatgacat	gacagaagcg	atatgctcct	tttcttgtaa	acctggattg	8100
ttcaccacct	tgtgcatgat	gggtgatgcc	cctcacctat	aggttctctc	acgcagtcca	8160
gcatgggaag	gcaagtggct	aggaccagca	tcaaggcaat	gcagcttagt	gttggagcga	8220

gcatgagact	ctctttgtgg	agcagtgagg	tcattggatga	cagcgtagag	gacttcttcc	8280
ctctggaaga	ttattatttc	ctcttaccta	tgtgagagta	aagggaagg	tattataatt	8340
tgtgctaaga	cccaataact	ttgagacagt	tgggaaggcca	catctctact	tgaaagccaa	8400
catagtagag	gaacaacagg	ctccagttga	tttgtggagc	gtgaaagaat	tggtcttctcc	8460
catgggatgg	tgtacacagga	actgggagag	atTTTTTTT	caggcttcca	agaatataaa	8520
tggtcttgtg	tggtttcact	tgtgacaaac	actaaggga	agaaccttac	atggcccaga	8580
tttagacagg	aaacagacag	cagaaccaga	gtgtccagtc	atggagactg	agcctttgga	8640
gaactaaact	ctcccaggat	gagggcacag	agcaagcact	ggacagtaga	acatcggggg	8700
agcttcagca	gaatgcatta	cttcccttca	tctgaaggga	caagacatgg	gacccaaaaga	8760
ccagatatga	cagtgtgtgc	ctatgatccc	agtgtctcac	gagaaactga	agcagggaaga	8820
tttgtataga	ctctaggcct	gcctggatac	atagttaact	tccagacagc	ctggactaca	8880
tagaaagact	ttgtctggaa	aaaaatgaaa	aatgggacct	gaagagatga	ttcagtggag	8940
ggctctgagtt	tagttcccat	tgcctacatc	agagaaatca	taattactcc	agctccaggg	9000
gacatcacac	tgccttctag	actctgccag	ccgccactcc	catgtaaa	tacacatgtg	9060
cacaagata	tacttgtaca	cataattaaa	gtaataattt	tttaaaaaat	ctttaaaaaca	9120
atccaaacag	taacaaagca	tgcgatagg	aggggacaga	gaaggatgag	ggttcataatc	9180
accaaggcct	agcacatgct	ctctgggtag	aggggaagag	tctttggcag	catctgtatg	9240
tgtagaggca	gcttgactct	gttctcagac	tccctcatct	catgtccagt	ccgccctctg	9300
gtgtccctct	cccagatgag	agcccaggaa	attcaatgtg	tagattcagc	ctcctcgtgg	9360
aacagcacag	catgtttcag	ccctggacct	gggagaagg	gacaaacaga	ggcagaaaga	9420
attacagctc	atggcatggt	ggaacagtgt	gtccattctt	ctaattgaca	ttttgtagat	9480
gagaaaaccg	agggccacca	attgtgtgta	accagtgaat	gtctacctaa	tgaagaacat	9540
acttgagaac	aaaggcagct	gacctctgct	ctgatggccc	tctctctgtg	tgtcctggga	9600
atcatgagtt	ggaaaccccc	attagagtag	acttggtctaa	aaggagacag	ctagcctacc	9660
atttctctatg	gctgtgcccc	gaagacatca	ctaattgatc	acagatgtct	ttcctactga	9720
gcccagaaat	tcttctcagac	tctcctgcac	taaagatgat	ctcatcttgt	tctgttatct	9780
aattcatata	acatgattta	ataactccaa	ataaagaacc	tccgactggt	tgtgatgtaa	9840
aattggtaaa	attgtctgca	caaagctta	gtcattctc	tggagtggcc	tgtagagttt	9900
cagtttgcta	gccctagtga	ctattgggag	ggtattttata	gattaatttg	cttgaagggt	9960
agtactaaaa	gtcctaatac	ctgggggttt	cttttttctc	ctttcagggtg	gacaggacgg	10020
aggtgattcg	tacctgcata	aaaccagtgt	actcaaagct	gtttacagtg	gacttttatt	10080
ttgaagaggt	ccaacgtctc	cggtttgaag	ttcatgacat	cagcagcaac	cacaatggac	10140
tgaaggaggc	tgaacttctt	ggtggcatgg	agtgcacact	tggccaggta	gacagaagat	10200
gtcttttgtc	tcttccactt	caggccttcc	tccctcttcc	tgatccttgc	tctcttttcc	10260
tttagtggtc	atTTTCTTTA	aactacagca	tcttccaaca	tttcttaggt	actgttatat	10320
cagttatatg	cacaagagat	catgcaagta	tatgcagttg	cttcttttgt	agagtttaata	10380
aactctcatc	ctgaatgtcc	tcaattgtgc	ggtcatgtat	acaacaaatg	cagatctagc	10440
acttactaca	tccgctatcc	ctgtgtctgt	tagagccaca	ccacctgtc	ccatgacaaa	10500
tttgccatct	cctaaatgat	ctggaagatt	cccacacata	gactgttctt	cattcaaat	10560
tatgcaaagt	ctccggagac	aaaagttaaa	atgacccaag	attaaataga	tactgttaatt	10620
taacccctaa	tgggaatgtg	acatggatta	agttctggat	aagggaataa	aaagatccag	10680
agtgtttaag	tgaactacca	gtggttctca	acctgtggat	cttgaccccc	acaagtattg	10740
aatatctgat	atTTTACATTA	taatacataa	cagtttcaaa	actacagtta	tgaagttagaa	10800
ataagaaaat	gttatgggtg	ggggtcacat	cagcatgagg	aactgtacga	aagggtctta	10860
gcattaggaa	gggtaagacc	cactgggtgt	aacagttcac	ccttgtaagt	ggcagagtca	10920
gtgtcggcca	caaagcccat	cattttactt	ccactggcct	ttcctgtcta	tccctctctca	10980
atctcctttt	gctgtaccca	gagtgcagtg	gagcatttgt	aagaaataag	tcaatgggtt	11040
agactcagtt	caatctcaaa	atgctgagag	ctggcttttt	attggtctga	gagggttagtg	11100
tcttcaaac	ctgtggctag	ggacccgaga	ggacatgaga	atgagccagt	tgtgcggagt	11160
ctgagaatcc	ggcttttatg	ttttgggttg	gtgagaagg	aaagagaggt	ctggcatctc	11220
caagcccaga	agctgttttt	ctggatcaag	tgttcttctt	gaaactgcag	agtgaatat	11280
aattcagggt	ttctgttttt	gcaacatcag	agcccagtgt	atatgaatat	tcagttgggtg	11340
aatgctttca	agaattctat	ggtagctgg	ttcttgaagc	cttgggcccc	tttaattgtcg	11400
ctggtttggg	ggtacagggt	tcttttagaa	gagagggatc	aaagtacaaa	acctgttctg	11460
agctccaaa	ataattgagc	tgtgtgga	atgaaagtgc	agtccacgtg	ctcaagcgca	11520
tactgtgtg	tcaggttctg	ggccccacc	ctagtgtgtg	ggccttcagg	aaatggacca	11580
aactttgtgg	gaaacccaaa	ataaaaaaat	gtggttcagg	gaaagcagag	gaaggagggg	11640

aactctccag gaagaaagtt gtgtgaacaa gtttgaaggt caggtgagtg tgccaggggt 11700
gtggcttagg agagcctggt gtcagtgage caggccagat gcctacttcc tgtaaaccac 11760
taaagattga acttcaaagc tctttgcagc ccaggcctcc tactaaggct atgggggtaca 11820
ttgttatttg tagatttgca gggttttgtc acaaagaggg actccaaatt atagaagcct 11880
aatgttccag caaacctaca ttcccttcct gcctcaggaa gggaaaactc tgaggaaaag 11940
tcagcctaga aggcaagcct ctgtgttccc atgtgggtgc ttgccctcct gcaagccact 12000
tgctggaaga catttctccc agtggaaaag agaggtgact cagaatgcc cgtttagcct 12060
tttccaggaa atacagtgtc cgccttcaca ggaacacact atattccctt aaagaacgcc 12120
aaaggccaga tgcagaaatt ctcccaagga gaggcagaga gagaaataaa ggataattaa 12180
tagaatcagc ctgaagactt ctcaaaagac ttaatgatag agaattttag aattttgctg 12240
agacagccac cttttcggta caaatgaaat gaatgactta tggattttgt gtgtaacttt 12300
gtttaagggt tttaaaacaa gcggtcagct gtaaaaatta tatgtatggg aacctttaga 12360
tgaactcagc ggggtgaatt tatgtgcagt aacacacaca cacatgcata catgcactgg 12420
tatgtttatg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgttaata taataactga 12480
agaagaattc atgaatttga gagtgaagta ggagatagca gaagagttag ttgtaggagg 12540
ggtagaaatg atacaaaaca aggtttttaa aatgatggtt aaaaaaatga tatcattata 12600
tacttcagtg agcctttcca agattctgcc tcagactctg ggcttctttt atatagatat 12660
aagttgtatt tatcacagga aataaatgta gatctatgta gaagtcacag gataaatgtc 12720
tttttcattc aattttttta aaataatttt gcctgtgaaa taaccctgaa ctttagttcc 12780
ttacaagggt catatttcca aacaccagca ggtctgcaac cctggtttgc actagctatt 12840
gcactagagg tcaacaatat aaaagcaatt gaagacagca tcctgtctt caagctggtc 12900
aaatctagtt tagttgtagt tggggaagca aagggtgag caggaaaatt acaactatta 12960
caaggaattg cagaatataa gcctggtcac tgggagcat taggtgtgtg tgtggatggg 13020
ggtagtctgg agtaagggtt tccaaggaca gtggcattta cactgaaata aggagaagaa 13080
atcacatttc cccactgatg gcaggacaac atacaggcct ctagatttaa gaatgagctg 13140
gccattatgg taaagagctt gtttgcctga ttttgtcaag acacgagctc cgaaatcagg 13200
ggcgaaaaaga gtcgagacac cagaatggca tgaagaagca actccatgga agaaaaacag 13260